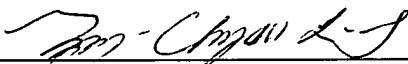




PTO/SB/26 (09-04)
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TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT		Docket Number (Optional) 04558/046002
<p>In re Application of: Emiko Kawahara et al.</p> <p>Application No.: 10/655,098-Conf. #6891</p> <p>Filed: September 4, 2003</p> <p>For: LAMINATED DIELECTRIC FILTER AND ANTENNA DUPLEXER AND COMMUNICATION EQUIPMENT USING THE SAME</p> <p>The owner*, <u>Matsushita Electric Industrial Co., Ltd.</u>, of <u>100</u> percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent No. <u>6,696,903</u> as the term of said prior patent is defined in 35 U.S.C. 154 and 173, and as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.</p> <p>In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 and 173 of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:</p> <p><input type="checkbox"/> expires for failure to pay a maintenance fee;</p> <p><input type="checkbox"/> is held unenforceable;</p> <p><input type="checkbox"/> is found invalid by a court of competent jurisdiction;</p> <p><input type="checkbox"/> is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;</p> <p><input type="checkbox"/> has all claims canceled by a reexamination certificate;</p> <p><input type="checkbox"/> is reissued; or</p> <p><input type="checkbox"/> is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.</p> <p>Check either box 1 or 2 below, if appropriate.</p> <p>1. <input type="checkbox"/> For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.</p> <p>2. <input checked="" type="checkbox"/> The undersigned is an attorney or agent of record. Reg. No. <u>33,986</u></p> <p><u></u> Signature <u>T. Chyau Liang</u> Date <u>March 6, 2006</u> <u>for Jonathan P. Osha #48,885</u> Typed or printed name</p> <p><u>(713) 228-8600</u> Telephone Number</p> <p><input checked="" type="checkbox"/> Terminal disclaimer fee under 37 CFR 1.20(d) is included.</p> <p>*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this certification. See MPEP § 324.</p> <p>03/08/2006 AKELECHI 00000063 10655098 01 FC:1814 130.00 DP</p>		

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Emiko Kawahara, Toru Yamada, Hiroshi Kushitani, and Hideaki NakakuboApplication No./Patent No./Control No.: 10/655,098 Filed/Issue Date: September 4, 2003Entitled: LAMINATED DIELECTRIC FILTER AND ANTENNA DUPLEXER AND COMMUNICATION EQUIPMENT USING THE SAMEMatsushita Electric Industrial Co., Ltd. , a
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
(The extent (by percentage) of its ownership interest is 100 %)

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011034 , Frame 0782 , or a true copy of the original assignment is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

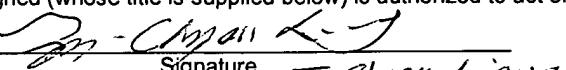
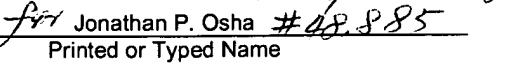
1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____ , Frame _____ , or for which a copy thereof is attached.
2. From: _____ To: _____
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3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____ , Frame _____ , or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.


Signature T. Chyan Lia 3/6/06
Date

Printed or Typed Name Jonathan P. Osha #48.885 (713) 228-8600
Telephone Number
Authorized Signer for Assignee
Title

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 30, 2001

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101672075A

ROSENTHAL & OSHA L.L.P.
JONATHAN P. OSHA
700 LOUISIANA, SUITE 4550
HOUSTON, TX 77002

**CORRECTED
NOTICE****UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/04/2000

REEL/FRAME: 011034/0782
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KAWAHARA, EMIKO

DOC DATE: 07/25/2000

ASSIGNOR:

KUSHITANI, HIROSHI

DOC DATE: 07/25/2000

ASSIGNOR:

YAMADA, TORU

DOC DATE: 07/25/2000

ASSIGNOR:

NAKAKUBO, HIDEAKI

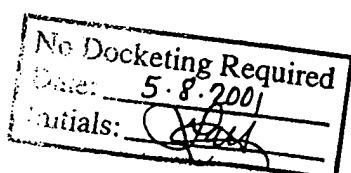
DOC DATE: 07/25/2000

ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL
CO., LTD.
1006-BANCHI, OAZA-KADOMA, KADOMA-
SHI
OSAKA, JAPAN 571-8501

SERIAL NUMBER: 09631744
PATENT NUMBER:

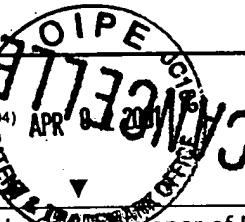
FILING DATE: 08/04/2000
ISSUE DATE:



011034/0782 PAGE 2

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To the Honorable Commissioner of Patents

04-30-2001

Docket No.: 04558/046001

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



attached original documents or copy thereof

1. Name of conveying party(ies):

Emiko KAWAHARA
HIROSHI KUSHITANI

Toru YAMADA
Hideaki NAKAKUBO

Additional names(s) of conveying party(ies)

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: July 25, 2000

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: July 25, 2000

Patent Application No.

Filing date

B. Patent No.(s)

04/431774

Additional numbers

Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jonathan P. Osha

Registration No. 33,986

Address: ROSENTHAL & OSHA L.L.P.

100 Louisiana, Suite 4550

City: Houston State/Prov.: TX

Country: U.S.A. ZIP: 77002

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

500-591

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09 FEB 5 2001 40.00 00

Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 39,182

Richard A. Fagin, Reg. No. 39,186

Name of Person Signing

Signature

August 4, 2000

5

Date

ASSIGNMENT

譲渡証

本証末尾に署名した者（以下、「発明者」という）は、
適正・相当な対価を受領しており、それが十分な対価であることを認識した上で、

（氏名または組織名）

（住所）

（以下「会社」という）と、その承継人および譲受人に対して、

（発明の名称）

という名称で知られ、アメリカ合衆国において末尾署名者が特許申請をした発明（以下、「発明」という）にかかるアメリカ合衆国（その属領、支配地を含むがこれに限らない）におけるすべての権利、権限及び利権を、当該特許申請、その分割、継続、一部継続、再発行及び延長、並びに、それらに対して与えられる全ての米国特許証とともに譲渡する。かかる利権とは、「会社」、その承継人、譲受人、またはそれらの法的代理人の上記申請に対する、及び、特許証が与えられたときはそれに対する、本譲渡が行われなかつた場合に「発明者」に対して特許証が与えられ、また延長されることにより享受しうると同一の期間にわたる完全な所有権を意味する。

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as "INVENTOR(S)") hereby assign, transfer and set over to:

Matsushita Electric Industrial Co., Ltd.

having the following address:

1006-banchi, Oaza-Kadoma, Kadoma-shi, Osaka

571-8501, JAPAN

（referred to herein as "COMPANY"），its successors and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention known by the following title:

LAMINATED DIELECTRIC FILTER, AND
ANTENNA DUPLEXER AND COMMUNICATION
EQUIPMENT USING THE SAME

for which the undersigned has/have executed an application for patent in the United States of America (referred to herein as "INVENTION"), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

さらに、本証末尾に署名した発明者は、それぞれ、以下のとおり同意する。

1. 「発明」に関するアメリカ合衆国における特許申請の出願に関して、更に必要な又は望ましく、適法かつ適切な書類に署名、執行すること。これには、上記申請及びそれらの分割、継続、一部継続、修正を全て含み、更に、それらに関するインターフェアレンス手続、その他「会社」が権限を保持するために必要もしくは望ましいものが含まれるが、その限りではない。
2. 工業所有権の保護に関する国際条約またはそれに類する条約や協定の下で優先権の主張その他のために必要な、書面、書類の執行及び合法的行為を遂行すること。
3. 有効かつ強制力のある特許を「会社」が得るために必要なあらゆる合法かつ積極的な行為をすること。

本証末尾に署名した「発明者」は、それぞれ、アメリカ合衆国特許商標庁長官に対して、当該特許申請（それに基づく全ての分割、継続、一部継続、再発行申請を含むがそれ限らない）から生じる全ての特許証を「会社」に対して発行するよう授權し、かつ、請願する。

本証末尾に署名した「発明者」は、それぞれ、本証の登記にあたりアメリカ合衆国特許商標庁の規則に従って必要もしくは望ましい識別情報を本譲渡証に挿入する権限をローゼンタール・アンド・オーシャ法律事務所に授与する。

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

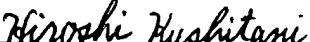
The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of ROSENTHAL & OSHA L.L.P. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

以上を確認の上、下記の者が下記署名に並んで記された日に各自署名して本譲渡証を発効させた。

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature.

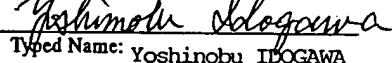
年月日	(署名)	氏名 (楷書) :
年月日	(署名)	氏名 (楷書) :
年月日	(署名)	氏名 (楷書) :
年月日	(署名)	氏名 (楷書) :
年月日	(署名)	氏名 (楷書) :
年月日	(署名)	氏名 (楷書) :

July 25, 2000 Date	 Typed Name: Emiko KAWAHARA
July 25, 2000 Date	 Typed Name: Toru YAMADA
July 25, 2000 Date	 Typed Name: Hiroshi KUSHITANI
July 25, 2000 Date	 Typed Name: Hideaki NAKAKUBO
Date	Typed Name:
Date	Typed Name:

本譲渡証はアメリカ合衆国のいずれかの州の公証人または下記の署名する2名の証人の面前で署名されるものとする。

This Assignment may be signed before a Notary Public for one of the States of the United States or before two witnesses who sign below:

年月日	(署名)	氏名 (楷書) :
年月日	(署名)	氏名 (楷書) :

July 25, 2000 Date	 Typed Name: Takehiko YAMAKAWA
July 25, 2000 Date	 Typed Name: Yoshinobu IDOGAWA

本譲渡証が特許申請書と同時に提出された場合、下記識別情報が後に追加されるものとする。
米国申請シリアル番号：
申請日：

Where this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:
U.S. Application Serial No.:
Filing Date: